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| FORM PTO-1390 (REV. 02-2005) | | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | ATTORNEY'S DOCKET NUMBER | |
| TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 | | | | 186660/US | |
| | | | | U.S. APPLICATION NO. (if known, see 37 CFR 1.52) 10/534894 Not Yet Assigned | |
| INTERNATIONAL APPLICATION NO. PCT/CN2003/000956 | | INTERNATIONAL FILING DATE 13 November 2003 (13.11.2003) | | PRIORITY DATE CLAIMED 13 November 2002 (13.11.2002) | |
| TITLE OF INVENTION METHOD OF DIAGNOSING AND TREATING BALDNESS USING HUMAN AND MOUSE RHOR GENE AND CODED PRODUCT THEREOF | | | | | |
| APPLICANT(S) FOR DO/EO/US XIANGYIN KONG; SHANRU LI; LANDIAN HU; YAOZHOU SHI; XIAOKUN TENG | | | | | |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: | | | | | |
| 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> had been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | |
| Items 11 to 20. below concern document(s) or information included: | | | | | |
| 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter. 17. <input checked="" type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 – 1.825 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4) 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: | | | | | |
| Return Postcard | | | | | |

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| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.5) | | INTERNATIONAL APPLICATION NO. | | ATTORNEY'S DOCKET NUMBER | |
| 10/534894 | | PCT/CN2003/000956 | | 186660/US | |
| 21. The following fees have been submitted: | | | | CALCULATIONS | PTO USE ONLY |
| | | | | | |
| <input checked="" type="checkbox"/> a) Basic national fee \$300.00 | | | | \$ 300.00 | |
| 22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-- 4)..... \$100.00 All other situations..... \$200.00 | | | | \$ 200.00 | |
| 23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2) has been paid on the international application to the USPTO as an International Searching Authority..... \$100.00 International Search Report prepared and provided to the Office \$400.00 All other situations \$500.00 | | | | | |
| TOTAL OF 21, 22 and 23 = | | | | \$ 500.00 | |
| <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof (round up to a whole number) | RATE | | |
| 26 - 100 | 0 /50 = | 0 | x \$250.00 | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$0 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | |
| Total claims | 14 -20 = | 0 | x \$50.00 | \$0 | |
| Independent claims | 5 -3 = | 2 | x \$200.00 | \$400.00 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$360.00 | \$ | |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$1400.00 | |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$700.00 | |
| SUBTOTAL = | | | | \$700.00 | |
| *Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$0 | |
| TOTAL NATIONAL FEE = | | | | \$700.00 | |
| Fee for recording the enclose assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property | | | | \$0 | |
| TOTAL FEES ENCLOSED = | | | | \$700.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | charged: | \$ |
| a. <input checked="" type="checkbox"/> A check in the amount of <u>\$700.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. <u>04-1420</u> in the amount of \$_____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-1420</u> A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form Provide credit card information and authorization on PTO-2038 | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. | | | | | |
| SEND ALL CORRESPONDENCE TO: CUSTOMER NUMBER 25763 | | | | | |
| Min (Amy) S. Xu Dorsey & Whitney LLP Intellectual Property Department Suite 1500 50 South Sixth Street Minneapolis, MN 55402-1498 | | | Signature _____ Name <u>Min (Amy) S. Xu</u> Min (Amy) S. Xu, Reg. No. 39,536 Registration Number _____ | | |

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Xiangyin Kong

Appln. No.: Not Yet Assigned

Filed: Herewith

For: METHOD OF DIAGNOSING AND
TREATING BALDNESS USING
HUMAN AND MOUSE RHOR GENE
AND CODED PRODUCT THEREOF

Confirmation No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Examiner: Not Yet Assigned

CERTIFICATE OF MAILING BY EXPRESS MAIL

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The undersigned hereby certifies that the following documents:

1. Certificate of Mailing by Express Mail;
2. Transmt'l Letter to the U.S. DO/EO/US Concerning a Filing under 35 U.S.C. § 371 (2pgs);
3. Check in the amount of \$700.00 filing fee;
4. Application Data Sheet (2 pgs);
5. Specification (18pgs); Drawings (1 Sheet); sequence listing (7 pgs), English translation;
6. Front page of Int'l Pub. No. WO 2004/052927 A1 w/Int'l Search Report as filed in Chinese;
7. Preliminary Amendment (5 pgs.);
8. Executed Oath and Declaration (3 pages);
9. Executed Power of Attorney (1 page);
10. Submission Under 37 C.F.R. 3.73(b) with copy of executed Assignment (2 pgs);
11. Communication Under 37 C.F.R. 1.821 with copy of sequence listing (11 pgs) along with diskette containing sequence listing;
12. Return Postcard.

JC14 Rec'd PCT/PTO

10/534894
13 MAY 2005

relating to the above application, were deposited as "Express Mail," Mailing Label No. EV
535043813 US with the United States Postal Service, addressed to Mail Stop PCT,
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 13th day of
May, 2005.

Kim Anderson

(Mailer)



Signature of Mailer

DORSEY & WHITNEY LLP

USPTO Customer No. 25763